

1913

Rehn

1 Fredericksburg, Va. July
20, 1913.

I. johnsoni a few under
damp dead leaves on
on edge of forest.

I. pennsylv 1 ♀ (1 m?)
under sign on white oak
Notettix femoralis occasional
in low grasses on upper
rolling ground.

Notettix (if any)
in same sit.

I. lateralis occurs on
high ground in damp
spots & along edge of
river also.

P. cucullatus scarce
along edge of stream
near river Stafford Co

A. greenum ad & im
in equal nos. - locally
common in scant grasses
sandy spot as cucull. Stafford
Co.

S. aduella no ovesul -
10th in wet high grasses
upland depression

T. brevicornis few ad ♂s
same site

D. viridis common in
weedy places

A. speciosa fairly abdt
widely distr over uplands
esp in short grasses -

A. pulchra Locally
common in tall wet grasses
in uplands and also in
serpentine-like site - poor
soil Mill documents -

A. sulphurea 1 ad in
serpentine-like site.

Arphia common in
pine woods -

H. rugosus common
in upland short grass

H. phaeoceph fairly common
in serpent-like poor lands

Chor. viride scarce in
uplands as 2 ads.

Eucop. sordidus 2 ns
only in high upland
grasses.

D. carolina not scarce
in dusty places.

S. bolli common in
oak & cedar woods
in summit.

Erit carinatus v. com
ns occur on uplands
in short grasses.

M. all occur in weeds
few and seen as swarming

junoratus few in
upland occur on
poor ground.

scudderi v. few seen

ns in pasture land

Ambley 1 ♀ n in lush

herbage in stream in
woods.

A. ulteri 1♂ in corner
of meadowland near
woods.

E. brevis not common
A. fasc common

A. pulchellum 1♂ only
heard & taken in tall
weeds along river.

A. vulgare ns. several
imm. fasc ns swarms
also scarce

H. mac ns abds
in damp leaves in
& along border of wood
on high ground but
in stream near

H. confusus ns ns
fairly common as above
H. car ns scarce in
banks of stream in
woods.

P. pulchellus 1m in
weeds. Stafford Co.

C. exigua ns common

in weeds along stream
in woods & along
river.

A. saltator no common
in woodl veget

H. agitata same

Acc 4 repent occurs
esp in weeds.

A. latipennis 2 in
weeds in corner of
field near woods.

E. annita occurs
among ^{sparse} grasses on sandy
soil near edge of str.
Stafford Co.

I. apicalis same
Stafford Co.

297 specimens

43 species.

2 Orange, Orange Co. Va.

July 21.

N. fumoratus scarce in
low grasses in open on
Southwest Mountain

S. lateralis Scarce in
low herbage

S. aduiv Ads scarce
ms occs in low herbage
& grasses

D. viridis as before

A. sulphurea ads & scarce
ms occasional on hills

A. xanthops 1 m scarce

H. phoenic very scarce
in open on hill N of town

E. carinatus 2 ms in
open on Southwest Mtn.

C. conspersa 1 m in
forest of Chestnut on
Southwest mtn.

C. vividif ms & ads
occasional in short grasses
on hills esp.

D. car as given before

S. bolli Accidental in underg
of woods on hills

M. atl fairly common in
cultiv fields

M. ^{decoratus} w long subg pl.
1 ♂ seen & (numerous ^{of this?} ms.)

in undergrowth in
chestnut forest on Southwest
mountain.

Amblyc. ^{notundif} ~~notundif~~ ms & ads
scarce; ^{loc} as last species -

Ambly ^{oblongif} large 1 ♀ seen in
underg of woods on hill
N. of town

one notundif 1 ♀ in underg
in chestnut forest on
Southwest mtn.

M. maculatus ms scarce
in leaves, as last sp. loc.

A dorsalis (large
pale sp.) scarce in
dead leaves and scattered
green underg of Chestnut
woods on Southwest Mtn.
A. near packyan (smaller
yellow bellid sp.) locally
not scarce, elsewhere
very scarce - same
loc as last sp.

A. saltator same no scarce

H. agitator " " " "

A. latipennis " " "

Campt. carolinensis " " "

beaten usually from low
herbage.

$$297 + 100 = 397$$

J. americana I seen not taken
in tall weeds along RR

3 Lynchburg, Va. July 22

H. fuscatorius

S. lateralis 1 m sweeping
in upland grassy field

S. admirabilis as at Orange

A. sulphurea 1 ♀ in grasses
near oak woods on hilltop

A. xanthus few in upl.
grassy fields.

H. phoeniceus 1 ♂ same site

H. megastes "

E. carinatus one as fairly common

C. pelidna several ad"

C. viridis as scarce as of common

D. carolina common dust

S. bolli taken a colony
seen in border oak woods

S. americana few about weed

M. sh. 10 as occur in oak
woods underg.

M. fuscatorius 1 ♂ as sweeping
upl. grasses

M. alb. occur in cultivation

Aueb not indig 1 ♀ in underg
in oak & pine upl woods.

O trichies ? are ns fairly
common 1 3/4 yr ♀ — all in
tall grasses of hillsides
where

C fasc ^{0 Taken} ns common few ads

C vulgare few ns.

$$397 + 39 = 436$$

4 Petersburg Va. July 23.

I. divisa all from under
signs on red oaks - as
about as common as ad.
The smallest ♀ w longest
teg. only taken from under
sign on short-leaf pine -

I. lateralis common in
grasses in marshy spot
near stream on edge
of woods.

N. ^{fulvipes} ~~rust~~ same -

S. adreir ~~few~~ res. same

A. xanth ~~few~~ as on edge
of woods in dry leaves -

I. brevis ~~1~~ as S. adreir

D. viridis ~~in~~ places

C. pelidea in grasses in
pine woods.

H. phoenicea a very few
in field of low weeds

C. viridis same

D. carolinensis same & along road

S. bollei in underg of
pine & oak woods

S. wyomingensis a few in low
weedy field

P. frutescens good size along
in sandy bare spot in
field.

L. citrifolia occurs in
sandy almost bare
area in field & on white
sandy road.

M. atl. common in cult.

" fruticosa a few in grasses
in wet place near woods

M. lucidus 10' underg of
pine woods -

M. us. same occurs

A. oblongifolia few in
grasses & low bushes
in wet place near woods

S. canadensis 24' or more as above

one in green bunch of
undergrowth in pine woods

Arch. few as in grasses
& low bushes in boggy
spot in woods.

N. carolinensis no not
scarce as above.

F. nebarbis few as above
A. pulicaria 2♂ (1 lost)
after long beating, same.

C. saltator 1 m in
undergrowth in pine woods

A. latiss few as same
H. agit 1 m in boggy spot
near woods

C. tregori 1♂ m in under
of heavy oak woods

Parot florid few ads &
as in boggy spot near
woods.

S. carolinensis 1 m undergrowth pine
woods.

5 Weldon Halifax Co. N.C.
July 24.

I. divisa no scarce under
signs on trees.

I. lateralis near stream in
underg of heavy forest.

Neotettix no scarce in scant
plants & grasses edge of
pine woods.

Urosalpinx? as same sil-^{or p. 100}

S. admir no & ads fairly
common in low green bushes
& grasses.

D. virid few same 1 in
underg of pine woods.

C. pelid occul both places

H. phoenic a very few both "

H. rugosus in fields near
woods a very few

C. viridif a few same

D. car as usual

S. bolli fairly common
in underg of pine woods

a few in decid woods.
● L. forest a few in
colony - sandy spot on
edge of scattering pines.
L. citr one only along
road in sandy spot
A. sulphurea 1 in low
green veget.

Stagnus carol 1 in in
undergrowth in heavy forest
● near stream.

M. atl few, as usual.
M. levius 1♂ in scattered
woods of low pines & oaks
undergrowth huckleb & other
sand loving bushes.

M. near strenuous on sp.
1♂ 1♀ same site after
long search.

● M. lepid? no same
not uncommon.

Oedolirica 2♀ + same.

A. oblongif scarce in
low heavy bushes near
forest.

A. uhleri same.

C. pulchell 1 in green
underg of heavy forest
near stream.

A. exigua 2 ns same

E. minut 1 on ground sand
place.

A. saltator a few ns
same.

H. agit a few ns same
to also in green underg
near forest.

C. latif 1 in underg
of low pine woods.

H. carol 1 in along etc
in heavy forest.

P. M. back to low woods -
where Mel. sk w n. sp. was
taken - 2 very work res.
2♂ 2♀ all in same area
of 100 ft - The species
is wary but hides
constantly so that by
careful approach and
guarding to the net
several were easily
picked up. - Not a
vigorous jumper -
Sch alutacea 1♂ there
a number of n. Mel
and 1♂ 1♀ A. ableri

$$+ 600 = 704$$

6 Goldsboro N. C. July 25

I. major 1 ♀ & 1 ♂ under bark
of dead sh leaf pine stump

I. uhleriana 2 ♀ under
debris in sh leaf pine needles

I. later scarce in wet
weedy spots in sh l pines
Monobitt Scarce on sandy
gr in scant veg in sh
l pine woody

Neotettix fuscicornis (rough)
as I. lateralis.

Neotettix (smooth along
edge of sh l pine woods
in underg & grasses

Acyd scarce as Monobitt

I. adonis scarce in
grasses in sh l pine wood

D. viridis fairly abds
same place

A. pellicula scarce, few

H. phoenicea scarce in

grasses on edge of pines
● S. bolli is scarce under
sh l pine woods.

A. xanth no occurrence
A. ulteri few in green
grasses & weeds in damp
places in sh l pine woods

P. pulchellus few no occurrence
E. acicula 1 occurrence

Cl. saltat few no occurrence

● Cl. latip no & Cl. ? occurrence

H. agit few no occurrence

F. nebulosus few in
grasses growing under
scattered growth of sh
leaf pines -

C. elegans? (striped green
w) 1 occurrence

Atth. pachyn (?) scarce
● in scant veget among
leaves of few decidu
trees in sh l pine forest

7 Humberboro N.C. July 26.

I. later a few among scant
short grassy veg growing
on marshy almost bare
clayey ground.

Neotettix (rough, carnate)
occasional - same -

Syll Dich C. pilid S. polli
as C. xanth, M. fuscipat
atlantis as usual, scarce
M. as of sp near congregia?
not uncommon in low
grass on edges of forest
F. rubandi in same site
Ailanthicus dorsalis (?) in
leaves among grasses
in decid forest / small
colony only found -
Leptis marginis as
common in swampy
spot
Encop sold as same

~~Microb macul~~ 2 no w.

~~notella.~~

Chort few ads quite a
few w seen in grasses
near woods.

~~Microb fasc~~ large on
typical ~~of~~ mawy grasses
near marsh, seen on
typical ~~of~~ forest underg.

~~Entella~~ no common

~~w notella.~~

~~H. agit~~ no seen in forest
undergr.

~~E. angulata~~ a few w ~~notella~~

$$820 = 919$$

$$704 + 99 = 803$$

8 Charlotte N.C. July 27

I lat in grasses about
damp places in & near
woods occur.

Acrydium occurs on wet
clay along "branch" in
pine woods.

M. alvius The scant
growth of wild strawb
& other low plants &
low oaks, grape vines
etc - no grasses & esp
bare ground, in ^{the} h
pine woods - Almost
all no ^{seen} birds taken -

M. carnegi gr a few
1/2 gr no same situ
but partic on edge
of woods in 1st grass

N. macul no a few
same pl as M. alvius
N. carol few no along

streams in forest.

● Sand daria not scarce
among tufts of very green
grass growing over astr
areas in tall ohl pine
woods.

A. sulpha & xanth both
ads in these woods -

S. bolli ✓ scut same -

● Campylo carol 1 1/2 grown
beaten from wild
grape vines on ground
in these woods.

H. phocine 1 in same
woods.

Stagnis ✓ scut place.

I. divisa ✓ scut on white &
red oaks & other decid
trees under signs.

● I. major 19 ✓ under
sign on red oak.

A. pulid ✓ scut in woods

9 Columbia S.C. July 28

Dicty in small bunch of grass in bare area near edge of field.

Phyllosc beaten from green heavy undergrowth in pine forest (on leaf).

Mercuria no same place as Dicty.

Scirtetica picta 2 on sand in black jack oaks.

Psira juv there also

1 ♂ Adont apterus there but not taken.

1 Schistoc along edge of oak leaf pine woods

C. trigonif beaten on

P. pulch.

C. squame no very abdt in long leaf pine forest among needles.

near
on undergrowth

Quercus annulipes / under
board under sh leaf
pieces.

Asplen, Cladonia, Hyp areg
& hypoc areg in field
near pine woods.

I citricarpa / col. colonies
formed on sandy soil.

M. soudderi gr. on
in scant undergrowth
(chiefly oak sprouts)
in area of black jack oak
M also other species
in undergrowth of short leaf
pine forest on edge
of oak.

Quercus hypoc areg

1023 + 81 = 1104

10 Augustā Ha. July 29.

Tettigidea few in damp
under sh leaf piles.

Neotett quite numerous
in one sandy locality in
same woods.

A. annulipes 1 under
sign on sweet-gum

D. divisa few ad & ns
under signs on sweet
gum and sh leaf Georgia
piles.

Stagrus carol In raspi-
thicket under sh in pine
woods.

Man. tennesseae 1 ♀ in
bunch of grass in sandy
scrub oak area

Radiu brevif seen
fairly common under
ga sh leaf pine woods
(all brown) few in

nearby waste land of
short grasses (green &
brown) few in sandy
scrub oak tract.

Syrb aduic also occurs
no more near waste
land of short grasses -
no everywhere also occurs

Micrus algeris 1 ad
no occurs in waste
land of short grasses
1 ad no summer grasses
in sandy scrub oak
area.

Eutett carice no several
in grasses near pine
woods

Aspilice granulata (?)
few in waste land
of short grasses.

H. rug. no few same
H. pluvie few in sandy
scrub oak area.

Sph. wynnii 1 seen
Prinid. fuscata few
seen.

Scirt. picta 1 ad 1 m
seen

D. carol several seen

J. citr (?) 1 m as picta

Sch. obscura 1 ♀ in
high weeds at corner
of cotton field.

S. alutac 1 ♀ in high
bushes along drain
near pine woods.

M. proping in grasses
in wash land & in
sandy scrub oak area
few.

M. stuei (?) fairly
common in sandy
scrub oak area.

M. carneg gr 1 ad ♂
ms common in scrub
oak sprouts, same.

M. shw? few ms
in under of sh by
pine woods in damp
places.

H. floridana 1 ♂ 1 ♀ 1 ♀ m
in low plants, Reddberg
strawberry and many
others in sandy scrub
oak area - This sp
acts in an unusual
manner - when pursued
hiding on the underside
of the leaves of small
plants & only feet
ant & eyes showing fr
above.

Parot florid 1 m in wet
place near pine woods
Lept mearguic 1 m same
Amblyc 2 ♀ in sandy
scrub oak area
Adont apt occur same
among oak sprouts

A. Muhlenbergii 10⁺ among
grasses on ground
in sandy scrub oak area.
N. aoc. not uncommon
in cultivated land among
grasses.

Agropyron ~~not~~ same.
Triogon ~~same~~ 1⁺ in
weeds of old pine
wood.

C. Triglophus 3⁺ beaten
from plants in weeds
of old pine woods.

Acc. 4 meant in waste
field. 2.

$$1104 + 190 = 1294$$

11 Macon Ga. July 30. ⁻³¹

I. derogel & I. uhleriana
A. annulipes under oak
leaves on edge of oak &
sh leaf pine woods.

1 C. lutea ♀ There also
but escaped.

C. squaripes us. There a
few.

In high ^{heavy} bunch grass
on edge of pine woods
Campoplex 1♂, us abdt.

1 M. melior 2 us

Syrph. adnervatus us "

S. americanus "

S. alutacea 1♀ us "

O. apterum fairly abdt
in underg of sh & pine

woods, 1♂ above oak
sprouts, 2♂ both there
& 1 A. ulmi, 2 Stenobothrus

M. propinqua occasional and
M. allanisi 10^m in the
tall heavy bunch grass
M. carneyi (?) no occasional
part about oak shoots
in undergrowth of the pine
forest.

1 M. maculata in cluster
from high bunch grass
along edge of ^{pine forest} woods

H. ang same place
a granul in these
woods.

R. brevif 10^m & a very few
ms in bunch grass
along edge of same
woods, ms in woods also.

$$1294 + 149 = 1443$$

Same loc. next day -
1 adult M. carnegiei in
oak shoots & other plants
in underg of sh. leaf pine
woods - no more abdt
and a series, apparently
all of this species were
taken.

M. tribulus 1 ♀ Taken
among oak sprouts
and a tangle of
other plants & vines
in underg of pine wood
some of the no more
above were taken here
but it appears hardly
probable that they
belong to this -

Diaple 2 no taken
near site.

Monotett 2 taken on
gr among pine needle
site.

~~Microgryllus~~ samee -

~~1. citr 2 females on~~
bare washed reddish
clayey ground -

~~Campylac~~ appeared
to be dist^e everywhere
in the thick grasses along
the edges of the woods
at Idle Hour -

$$1443 + 98 = 1541$$

$$\begin{array}{r} 149 \\ \hline 247 \end{array}$$

12 Albany Ga. Aug 1.

A. annulif under sign on oak.

S. divisa 1 ♀ under sign on l leaf pine.

S. undulata 1 ♀ not taken same.

C. lutea 1 ♀ under needles in l leaf pine woods.

Ellegouyx 1 ♀ underg in l leaf pine woods beating little but wire grass there

J. graminea 1 ♀ same

Stagnus ear as common usual underg in l leaf pine woods, few in leafy veg along river.

Cynis bipuncta as common

locally in high veg along river.

Diaph 2 ♂ as common, same

S. lat - occ in underg
in pine woods esp
in more moist loc.

Novest sp. - very scarce
in underg of pine woods
where some low marsh
loving plants were apparent

Metell few in sandy
spots in underg of pine
woods.

Paratell on limestone
eroded and sand bars
on edge of Flint river.

R. brevif very few in
in underg of pine woods

M. alacris 2 ads no occure
ance.

Dicer viridis occas
damp spots.

S. adum freq underg
of pine woods no
ads about equal.

Q. pulex freq ads underg
of pine woods.

A. xanth (?) scarce also
under pine woods.

Chor. aene numerous
in grassy open places.

H. rugos scarce, 2,
under pine woods.

P. fusc 1 ♀ sandy
spot in leafy pine woods.

I. citr a few same
these - darker marks

app (1 ♀ esp, taken)
also sand bars along
flint river (as spotted
taken)

Sch. obscura in high
grass weeds field near
river.

Sch. rubig (?) 1 ♀ under
leafy pine woods.

Sch. beat graceful
yellow bird sp - same-
there. 2 sp in dry
places among low bushes.

Co. Presler 1♂ 1♀ 17 m
All in ^{heavy low} undergrowth in pine
woods in moist but not
swampy place.

M. scudd (?) no seen
under pine woods.

M. propinqua abdt in
fields.

M. trib gr (?) few seen
in heavy undergrowth in
pine woods near river

M. lueridus (?) no seen
under pine woods.

A. sphaerata ? seen no
a few same as shown?

P. attract ♂ & ♀ few seen
same.

Scudd one sp. 2 ♀
same

Scudd large very
few under pine
woods.

Amblye ulteri 1♂ same

Amblye sp. (larger)

or few same.

Conus 1♀ (shorter ovis)

same

Conus 1♀ (longer ovis)

same as monotell

Arde glab vesicul
swinging in highest
spot in tangles along

Arde modus (?) 1♀
In tower window doubt
at to light?

Xyle face flew in wet
grass.

A. apterum undul
in pine woods. freq,
but no abdt.

E minuta swampy
spot on edge of
wet.

N. ubius occurs in
swampy spots.

N. auratus common
under pine woods.

Dr. clouetensis under
sign on long leaf pine.

Dr. rubens on grass
in grasses (not taken)

G. exigua long 31
under mosquito bar
in bedroom.

F. tubardi 1 ♀ reddy
along edge of river.

G. trigonif. common
in tangle of small
bushes and vines
along river.

Phyllosc. fulva (?)
sawee.

Acc 4 green 2 und 2.2
pine woods

Hapitt. few on
as Phyllosc.

The little green
Xiph. to pink legs

OK - gallants

Has been observed
not uncommon here
in the undergrowth of the
pine woods as well
as at Macon, Augusta
and Columbia in like
situations - I think
it very probably over
as yet under pine
undergrowth of taken 1911.

$$1541 + 286 = 1827$$

13 Atlanta Ga. Aug 2.

1 dero 1m in oak

leaves in forest of same

Down 1 ad 2m beaten
from high weeds along
stream in oak & oak &
pine woods.

Diaple no few in plants
and bushes in oak woods

Chironyx 1/2 m on
ground in oak woods

Monotett 1/2 on sandy
ground in higher ^{situate} oak woods

Monotett common on
more sandy ground in
fields & few same in
oak & pine woods

I. lateralis along
stream in meadow
land.

I. brevis same

I. aduivata same

Eutettix simplex few

ms in short grass of
● fields.

O. fulidua few underg
of pine & oak woods.

A. xanthu few no same

C. aristo common as
Eritellu.

H. phodice few in
shrubby open.

H. rug - one or only

● (Bradley took some)
very abdt. as Eritellu.

I. citreia on bare clay
washout on hillside.

S. auric few in
pine woods.

M. carueg 2♂ ms
abdt in underg of oak
& pine woods partic
● on higher ground.

M. tribidus gr(?) no
same same but near
str on more moist ground

M. atlantis cultw.

M. lupid (?) ns

occasional in mixed oak
& pine woods.

P. floridensis as T. latialis

Xiph jac same.

A. rotundif. (?) in weeds

& vines low spots in oak
& pine woods

E. vulgare (?) ns as
T. latialis.

N. socius same.

N. carolinensis 1♀ in
oak leaves in same
woods.

A. nigras in pine
woods.

S. balli very plentiful
in mixed woods of
oak and pine.

A. latip few ns
in oak scrub in oak
woods.

H agit ✓ few us ance.
● P. pulch ✓ few us as
Doru. ✓

$$1827 + 84^{(?) } = 1911$$

14 Stone Mtn, Ga. Aug 3

I saxatilis on bare granite slopes where only areas of lichens were to be found — The sp. was plentiful about the base of the mtn where these bare rock surfaces were first encountered part in areas of rock fragments near the adjacent bunch grass vegt — on ascent further the sp. was found less numerous becoming quite infrequent upon the bare rock area in the pine woods but at the summit where large bare rock areas occupy the

greater portion of
the surface the sp
was again found in
cousd nos. The
flight of the species
is distinctive - taking
wing with great rapidity
they fly very low for
a short distance but
since great wariness
and often have
to be approached a
number of times before
it is possible to come
within striking dist.
Only ^{very} occ was the
flight accomp. by any
sound - this sound
being a faint whirring
resembling that occ
prod by insects of the
western I. cyaneipennis

The granite surfaces
were for the greater
part stained to a
blackish blue and
the majority of specimens
were ^{exactly} of this coloration,
a few were paler,
matching the paler
areas of rock surf
while occas spec
were mottled with
greenish and these
exactly matched the
lichens.

A xanth / 1 on bare
granite surf near summit
of mtn.

M. funebr / also occas
was pt fairly plentiful
in frequent areas of
beccle grass on mtn.

L. viridifasc a very
frequent same.

S. adquire ads & no
~~very~~ ~~scar~~ ~~occul~~
same.

H. rug 1 in same

H. phenic 19 in bunch
grass in pine woods 1/2
way up mtn.

A. apterum 18 in spec
of wild onion in bunch
grass area in pine
woods.

M. carney no scarce
in under of pine woods

A. occidnt no fairly
num in bunch grass area
in pine woods.

A. pederes very far
same.

Xiph (1911 & 1912) no occ
fairly plentiful same

174

2085

1911 + 166 = 2077

15 ~~June~~ Pine Mountain, vic of
Aug 3.

A. xanthus as occurs
under pine woods

1 lateral in bog at
foot of P. Mtn. juv
plentiful

A. obscurus very few
on sandy area on
edge of bog at foot of
Pine mtn.

1 brevis numerous
ads few as occurs.

Stag carolina 2 as in
blackberry tangles pine woods

Diaple as not occurs
in tangles in pine woods

nomot 2 in sandy
grassy area in pine
woods.

H. me 10th along road
H. plebe 10th " " " "
in blackberry tangle

S. aduix ✓ occ under,
in pine woods.

A. pulchra ✓ same

S. bolli ✓ same part
about scrub oaks there
I curra ✓ 2 ♂ only on
road

M. cane 1 ♂ (not taken)
us abdt under of
pine woods.

M. nelli very few us
same

M. arborea 1 ♀ in
dusty road between heavy
pine woods.

M. reticulate 1 m beaten
from grass clump in
bog at-foot of Stonegate
cliff.

A. apt 1 ♀ under of
pine woods

H. agit 1 m in tangle
in pine woods.

E. punctata very few
on sandy area as
a crydium.

H. carolinensis in bog at
foot of Stags with precipua

H. rubens on edge
of same in pine woods.

C. triquif 2nd full beaten
from larvae in underg
of pine woods.

C. squarrosus in same

Scudd 2. underg of
pine woods

D. carol common
along dusty road as
usual.

$$2085 + 64 =$$

$$2149$$

(16 and 17 M. H.)

16 Joccoa Fla. Aug. 5.

Ambly aur. occasional in grasses
vines & oak sprouts in
clearings

Ambly lanceolatus 1 ♀ scarce
underg of Michauxia banksii
in dense forest of pine
saplings.

S. bolli aur. in underg
of oak woods.

H. phoenicea 1 ♂ in grasses
& vines & oak sprouts
along edge of woods.

S. adae freq & widely dist.
than underg in forest.

M. alacris 1 as Ambly aur.

M. canis everywhere in
underg of forests esp about
oak leaves - ^{only} loc abundant
no. very predominant yet.

M. lured occasional than underg
of forest.

H. nuy no occur as one

Amblyc.

A. suprest (?) in location
same pl as H. plume.

Q. pelid occur everywhere

N. ambly no occur in
sax leaves.

N. roc 1 at same -

not 1 as Ambly are

nomot 1 in the middle

of near forest

cyclot - same 1 at

68 +

=

Elev 1700 ft.

17 Citrahee Mtn. Ga. Aug 5

M. walsbyi from $\frac{1}{2}$ way
up to summit in luxuriant
mountain undergrowth of grass
and oak sprouts under
a forest predominant in
black jack. very but
on summit fairly abdt.

M. leucogaster generally
dist. over entire mtn.

M. strimmarum very
local on mtn. summit
in veget. as shown under
M. walsbyi partic. about
oak shrubs.

M. carneyi very abdt
in some veg. and partic.
so about oak shrubs
on summit - also in
the great valley.

M. imitator only a very
few on mtn. summit

all others taken in
typical undergrowth of pine
woods at upper limit
of gradual slope.

A. pluvius 1 ♀ as above.
Atta 1 ♀ same

Arctia 1 ad at summit
in dense pine no other

A. apteris everywhere
abundant in luxuriant

mountain forest described
as almost predominant

thick brush. Occasional in
bunch grass (sample kept)

particular where this was
mentioned on pine slopes

and in low veg. - taken
from summit to pine
woods on upper grad.

slope.

Cyc. latipennis from low
veg.

Cyc. sp. no same.

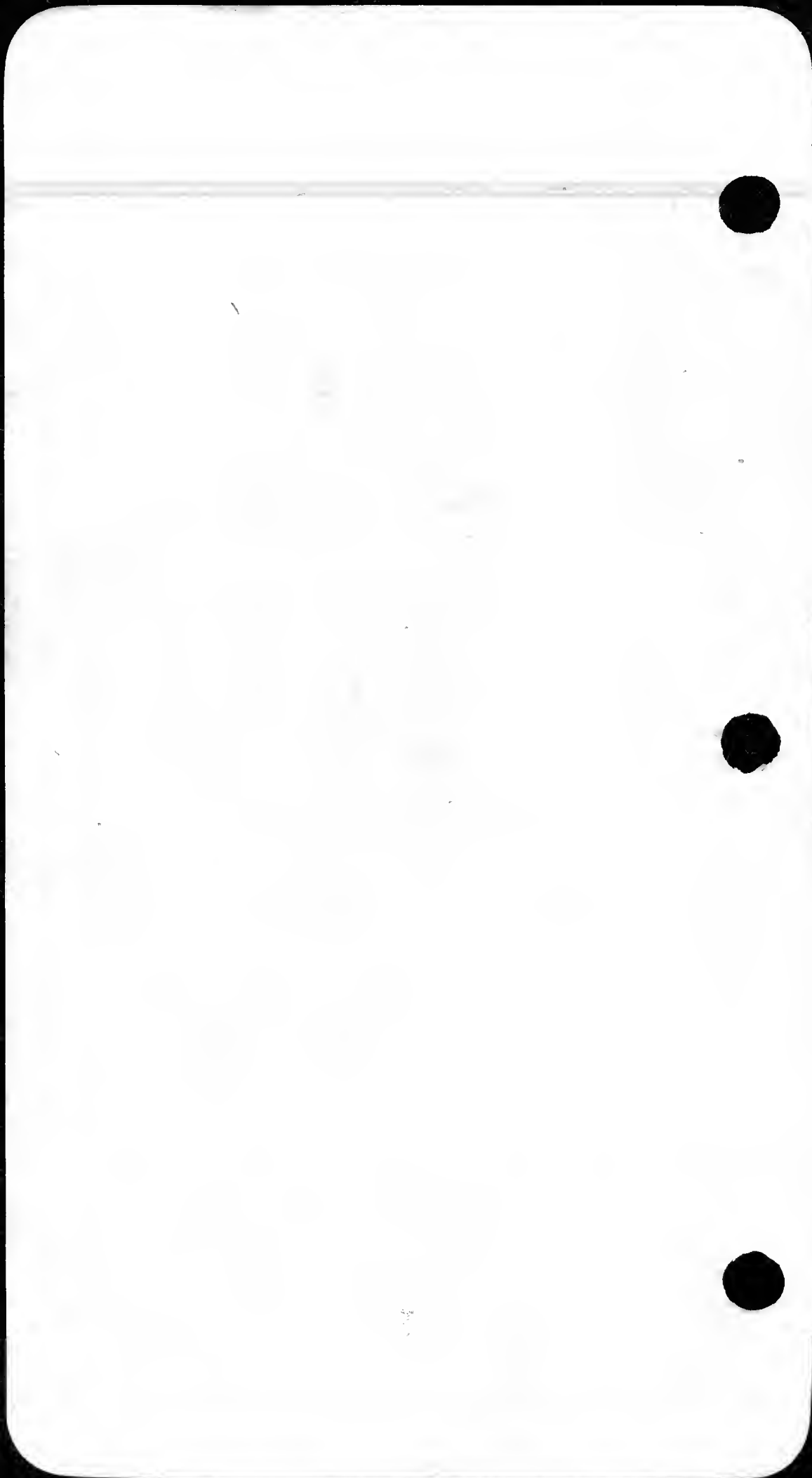
Dec 4 ~~per~~ [✓] at 10th same.
~~Haplo~~ [✓] in the reg
under at summit.

~~Said~~ [✓] scarce in descr
but only reg. Top to
lower slopes.

~~Orphulella~~ [✓] same

147 + =

~~very coarse~~
~~at~~
~~at~~
~~at~~



18. Jasper, Picher Co.,
Ok. Elev. by aneroid
1550 ft. Aug. 5, 1913.

Collected east of town.
Chlaenius sp. Beaten
from oak scrub - grasses -
all immature. Had
front leg extension re-
action.

Orphnella scarce in
mixed - pine woods.
Aphid sulph. edge of
pine woods.

A. xanth. in mixed
woods. Chortoph. edge
of wooded road.

Melanoplus canap.
in mixed woods -
few adults, nymphs.
numerous

Eph. lilli numerous
in mixed woods.

Amotellix on bare spots
in woods and clearings.

Amelycorypha beaten
from scrub.

AlEcanthus Beaten from
scrub.

Amol. in woods + on
edge of square.

Apothys in woods.

Cyclop. Beaten in woods.

$$2149 + 43 = 2192$$

19. Sharp Mountain (acc. to local authority - the same called Sharp. Top Mt. by Morse & on gov. charts. The latter name is used locally for a ~~lower point~~ to the eastward.), near Jasper, Pickens Co., Ga. Alt. barometric 1800 - 2000 ft. Aug. 6, 1913.

Edge of old field one *H. phoenixiformis*.

Remainder all in undergrowth in and on bare ground & rocks under mixed deciduous & coniferous forest on steep slope. Much sumac, some blackberry & oak brush.

Oligonychus one remaining on bare ground.

Chrysomelids brush at edge of woods.

Eph. bollii numerous in woods.

Melanopl. tribulus Three
seen - all taken. very
local.

M. carnegiei Most numer-
ous species. Fairly well
distrib. in woods.

M. amplexans All seen
taken.

M. luridus All seen
taken.

Oreanthus Beaten.

$$2192 + 37 = 2229$$

20. Hatten, Whitfield Co.,
Ga. Area 850-1200 ft.

Aug. 7, 1913.

Valleys entirely cultivated -
hill slopes to west. $3\frac{1}{2}$ m.
very dry, burnt off in large
part - stony. very poor.

~~Uligon~~ x One in rocky slope.
~~Diaphera~~. ~~Nymphs~~ ~~lost!!~~
beaten.

~~Synchlora~~. Nymphs only
in brush.

~~Spharagemon~~ loli seen
but not taken.

~~Blissus~~ x along road.

~~Melanopl.~~ ~~lurida~~ in wooded
slope. M. ~~ampl.~~ ditto.

M. ~~tribulus~~ nymphal on
ditto. M. ~~carneipes~~
(?) ditto.

~~Edentophiphium~~
~~very fast winds~~ - one other seen
on slope but escaped.

Napishu ✓ Beaten in
flat woods.

Oecanthus ✓ Beaten on
slopes.

#

$$2229 + 15 = 2244$$

21. Warm Springs, Meriwether
Co., Ga. Elev. 850-1100 ft.

Aug. 9-10, 1913.

In pine & oak woods on slopes
of Pine Mt (really only a hill);
timber low, with ^{pine - barren like} an occ.
long-leaf pine, undergrowth
low, much blackberry -
"bracken"-like plant, fre-
quently much burned -
shrub.

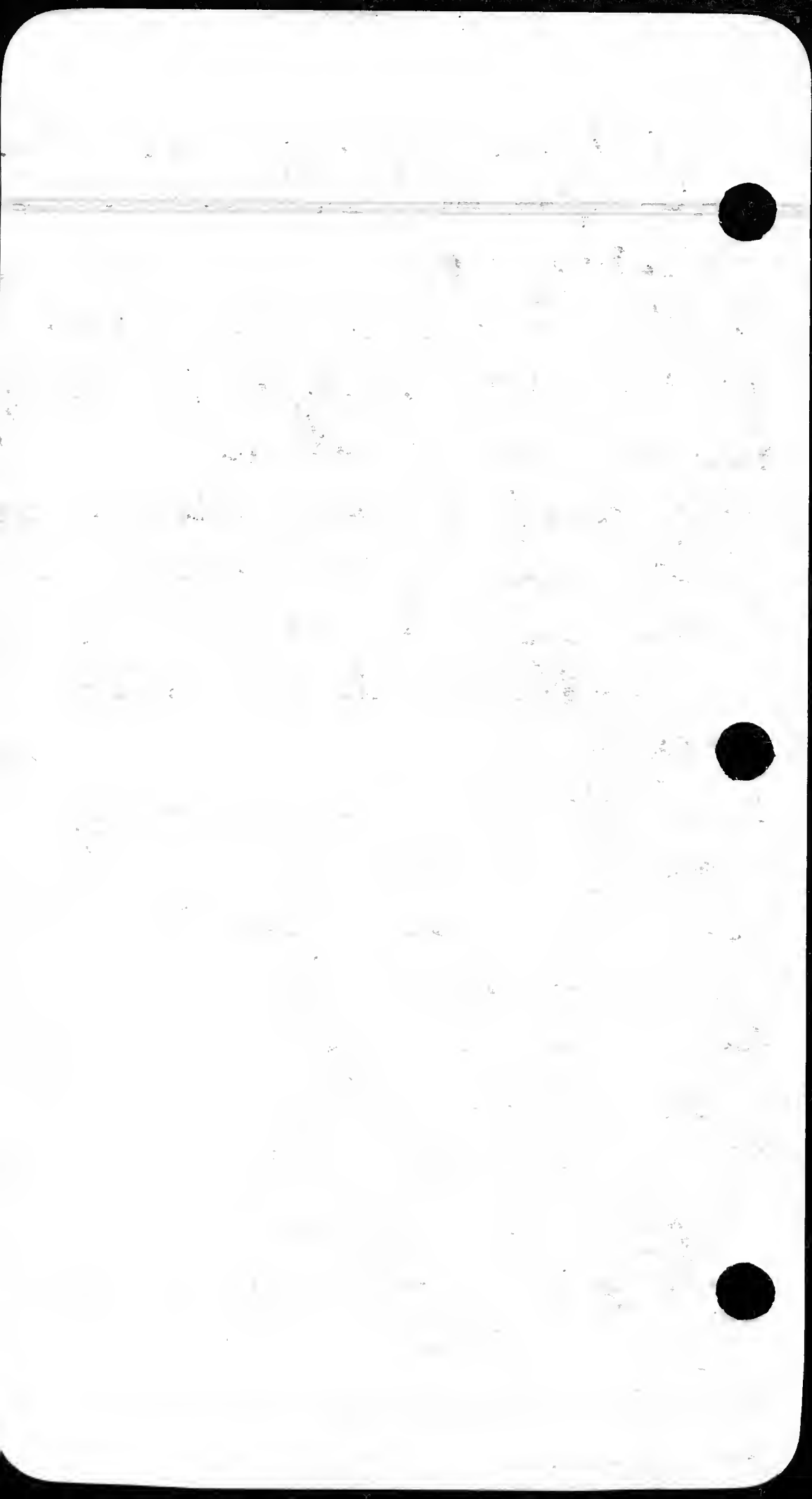
Ich. derop. Running in fr.
Choris. Beaten from underg.
Diaph. myrpho. Beaten.

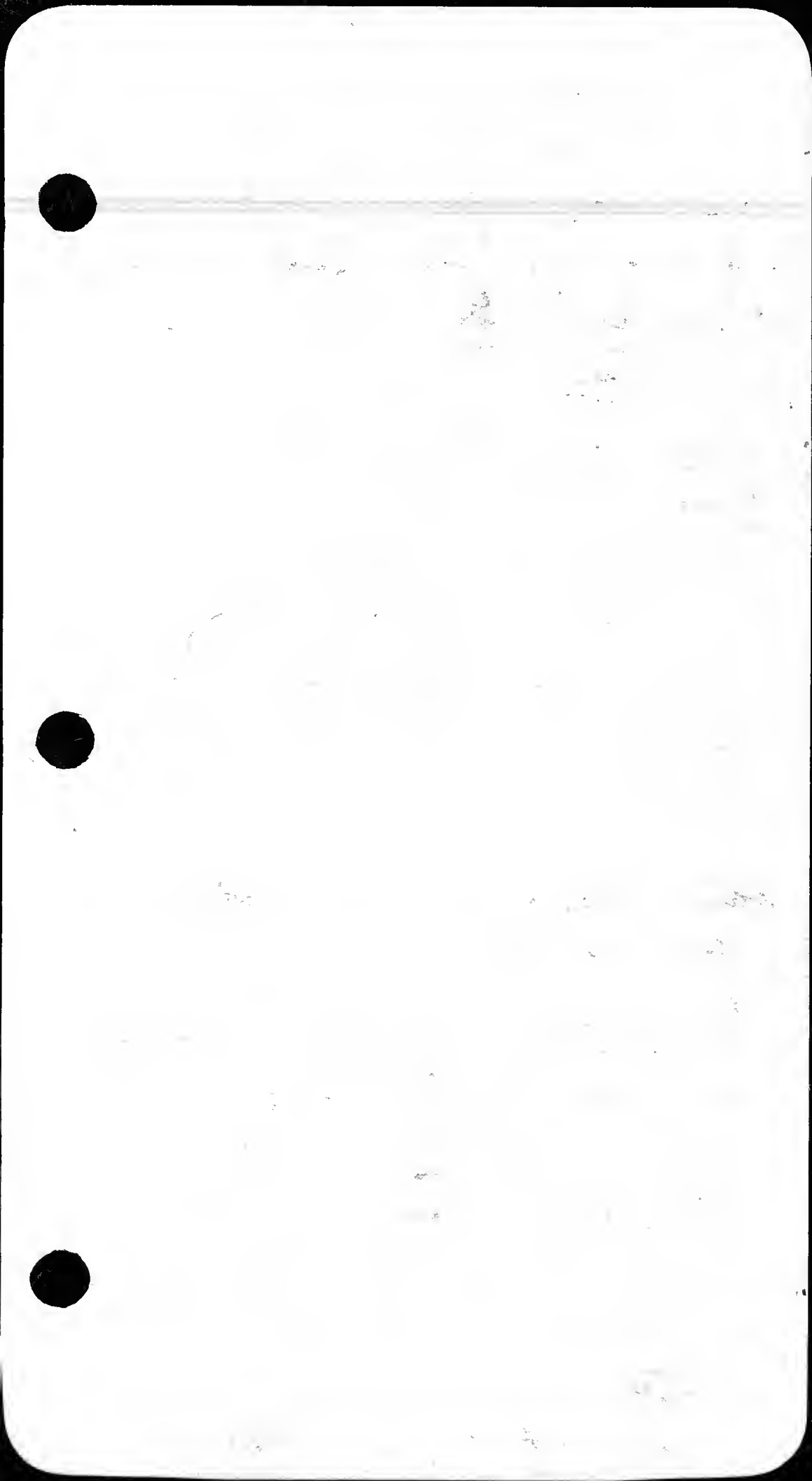
Aniso. Beaten & taken from
low oaks etc. ^{one pair in co. etc.} much infested
with mites. ^{Radio} Uroph. ^{myrpho} ^{numerous} numer.

Ambly. myrpho not numerous.
Arphid. x. uncommon.

Nippis. One taken all seen.
Sph. In fair numbers.

Cottetix pusillus Single sp.
seen & taken in heavy tangle of





woods undergrowth.
Mel. carnegiei in fair
numbers, few adult ♀♀.
M. fluei - like sp. Scarce.
M. luridus - scarce.
Hesperis. flavid. Only museum
taken - beaten.
Scudderina. Only ♀♀ taken -
no other seen.
Odontox. Uncommon.
Cycloptis Scarce - beaten.

Same loc. & number. Afternoon
Aug. 10, 1903.

Campylac. nymph in woods
in abandoned road in same
woods. Syrbula n. ditto
Oligonyx running over
ground in woods. Amblyc.
beaten from scrub. Stagnon
ditto.

$$2224 + 115 = 2339$$

22. Ashley Junction,
Charleston Co., S. C.

Aug. 15, 1913.

In long-leaf pine woods,
most with dry wire grass
+ "bracken-like" undergrowth,
several areas of true brake
+ reeds + grasses (depressed
+ more moist) and
several spots almost
bare except for short
grass.

Hagman. Everywhere in under-
growth, immature. Icthygaster
+ other Icthygaster in the
bare spots. Mesaspis ab-
undant in tall brush. all
seen. Orphidella not
particularly common,
adult + nymph. Climac-
cephalus scarce in wet
spots. Amblytropis, reynoldsii

not uncommon in brush.
Arphia only sexual seen
in dry woods; one taken.
Psittidia - one nymph on
sand. Scirtetica are
very small nymph, ditto.
Chistocerca obscura - like
sp. Abundant in all
situations - females
not as numerous as males.
Striped ♂♂ and leather
colored ♀♀. Safer in
woods & also in wet
spots. Only mated pair
were both striped. Lys-
ipoma nymphal only
but numerous in wet
areas. Mel. fulvi
in dry woods, scarce.
M. decus - like in
area of short grass
& no brush, only nymphs.

scarce, all seen
taken. Micro. one
taken in woods. Amblyc.
one ditto. Beloccephalus
nearly adult pair in
wet spot. Uchel. n. in
ditto. Udon & exiphiid in
dry woods - numerous.
Cyclot swept in woods.
Phyllosc. "
Ocanthus "
Hapithus & Urechis
numerous in dry woods,
almost all nymphal.

$$2339 + 133 = 2472$$

23. Isle of Palms, Charleston Co., S. C. Aug. 15, 1913.

The brush on the island is scattered in the hollows of fair sized dunes and consists of bay berry, a sort of white oak, briars and more rarely palmetto. No saw palmetto was noticed and there is no hammock land.

Much sea oats grow between the dunes. Search failed to reveal any Drumotropsis, but Psittidia was abundant. Uroph. divarica was numerous but hard to catch. Schist was scarce & very shy. Only the two Mermis taken seen. Cryptopt.

all broken from
bayberry - also nymphs
Hapithus. Little variety
in species.

$$2472 + 59 = 2531$$

